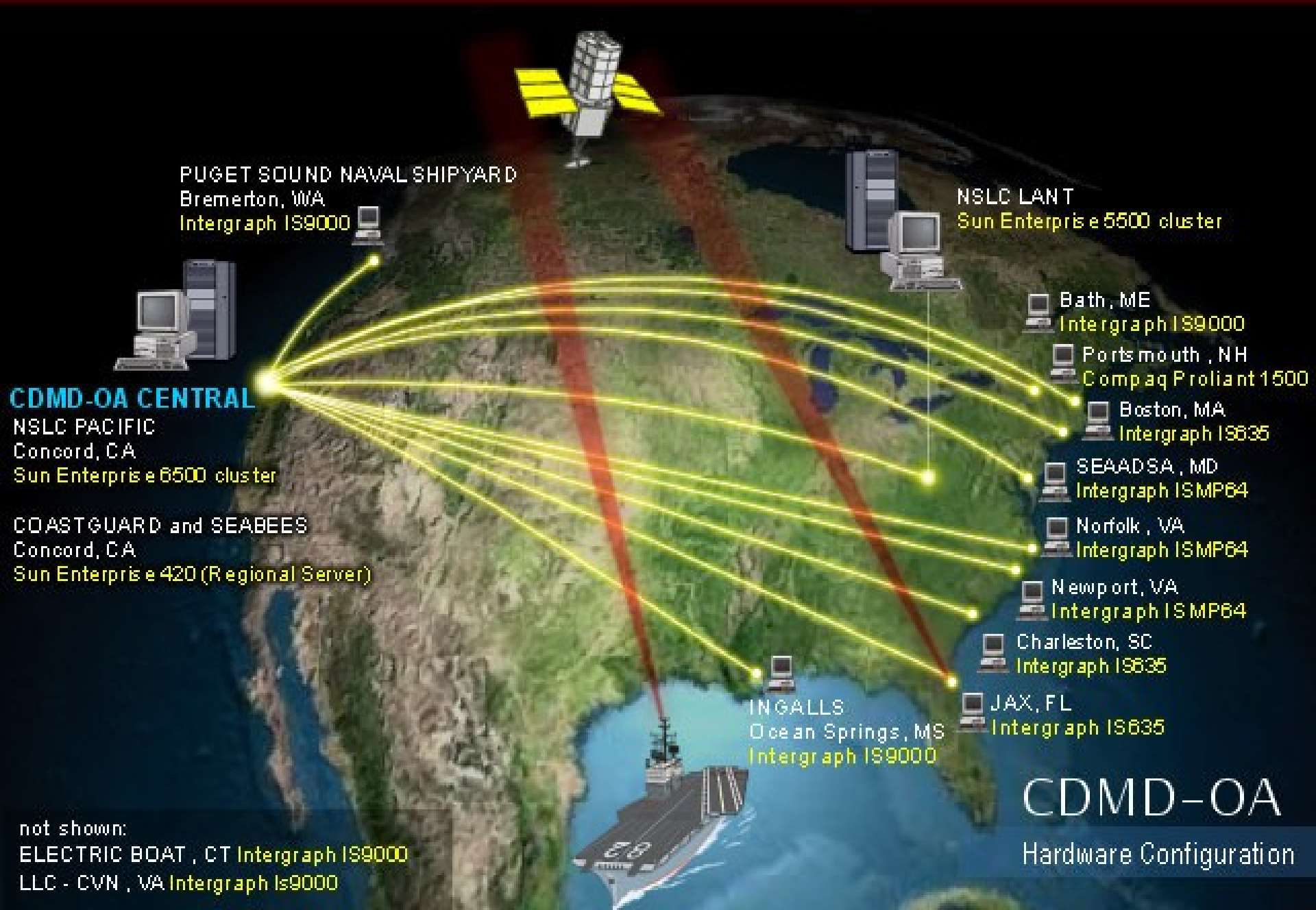
CDMD-OA SCLSIS Overview

Viewer and Workfile Training



CDMD-OA SCLSIS Overview

Introductions

Name

Command / Activity

Experience with CDMD-OA

How you plan to use CDMD-OA

CDMD-OA SCLSIS Overview

Class Objectives/Agenda

Students will learn to:

- **Log on to CDMD-OA**
- **Build Ad Hoc queries**
- **Create Standard reports**
- **Use CDMD-OA Utilities**
- **Build user Workfiles**
- **Use Help Files**

CDMD-OA SCLSIS Overview

Class Objectives/Agenda

Day 1

- Understand the SCLSIS Program, key roles and responsibilities
- Understand Strategic Data Flow and ASI processing
- Understand CDMD-OA functions
- Build Ad Hoc queries, Browse windows and Detail Screens, Help Files, Edit and Screen Option Menus
- Query References, create Standard Reports, use Utilities
- Labs

CDMD-OA SCLSIS Overview

Class Objectives/Agenda

Day 2

- Review Day 1
- Build user workfiles
  (copy, insert and delete configuration, logistics and alteration records)
- Share workfiles, copy queues to Summary and print VALAIDs
- Globally replace data in workfiles
- Import SDIF data into workfiles
- Lab

SCLSIS

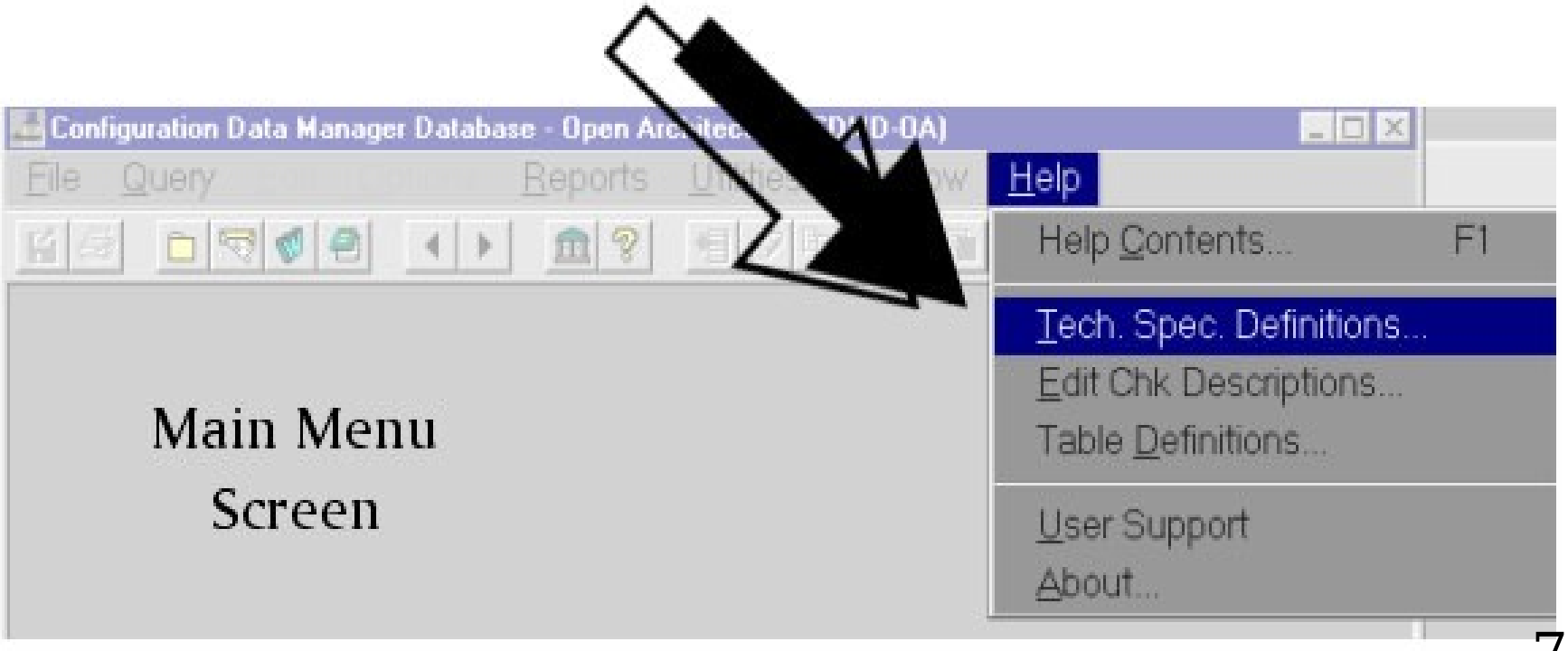
Lesson Objectives

- Describe SCLSIS functionality
- Understand the different roles and responsibilities
- Comprehend CDMD-OA software structure

Ship Configuration and Logistics Support Information System

Configuration Status Accounting system developed to improve configuration and logistics management and control processes for Navy ships and selected shore activities.

An online adaptation of the governing document, NAVSEA Technical Specification 9090-700(x) appears as part of the CDMD-OA Help file.



Background

Need for effective Configuration Management

- Improve support: Provide accurate configuration and logistics information
- Cost control: Support actual configuration
- Improve Fleet readiness: Less time on research, more time on training

Need for management system to track all configuration-worthy items

Overview

Provides direct support to Fleet Maintenance and Material Readiness

Addresses all configuration-worthy items necessary for operation, maintenance, modernization and support

Recent advancements (OMMS-NG) include software, systems, services, compartments, MAMS - anything that can have a job assigned to it.

Provides for technical data reviews and equipment configuration audits

The SCLSI database IS maintained in the CDMD-OA CENTRAL database

Previously known as the Ship Configuration and Logistics Support Information (SCLSI)database and the Weapons System File Download (WSFD) database.

CDMD-OA CENTRAL is the repository and source data file for ship configuration and associated logistics support information.

Roles and Responsibilites

- **NAVSEA**
  - NAVSEA 04L
  - SPM
  - TYCOM
  - CDM
  - ISEA
  - NAVICP
  - ILO/FTSCPAC

Naval Sea Systems Command (NAVSEA)

The largest of the Navy's five systems commands, Naval Sea Systems Command (NAVSEA) engineers, builds and supports America's Fleet of ships and combat systems.

Roles and Responsibilites

- NAVSEA
- **NAVSEA 04L**
- SPM
- TYCOM
- CDM
- ISEA
- NAVICP
- ILO/FTSCPAC

NAVSEA 04L
NAVAL SEA SYSTEMS COMMAND

Naval Sea Systems Command (NAVSEA 04L)

Manages and directs the development, implementation, operation, maintenance, and improvement of logistics and configuration management.

Roles and Responsibilites

- NAVSEA
- NAVSEA 04L
- **SPM**
- TYCOM
- CDM
- ISEA
- NAVICP
- ILO/FTSCPAC

Ship Program Manager (SPM)

Tasks CDM to perform SCLSIS functions and monitors progress of all Integrated Logistics Support (ILS) actions.

Roles and Responsibilites

- NAVSEA
- NAVSEA 04L
- SPM
- **TYCOM**
- CDM
- ISEA
- NAVICP
- ILO/FTSCPAC

Type Commander (TYCOM)

- Responsible for readiness support, logistics support and administrative management.
- Guides/promotes support and utilization of SCLSIS in the Fleet.
- Programs, budgets and authorizes Type "D" and "F" alterations.
- Schedules and coordinates shipboard validations.
- Assigns ILO/ILR availability in FMPMIS.

Roles and Responsibilites

- NAVSEA
- NAVSEA 04L
- SPM
- TYCOM
- **CDM**
- ISEA
- NAVICP
- ILO/FTSCPAC

Configuration Data Manager (CDM)

- Manages SCLSIS database
- Ensures logistical support,
- Participates in design/logistics program reviews
- Schedules/conducts Database Reconciliation.

Roles and Responsibilites

- NAVSEA
- NAVSEA 04L
- SPM
- TYCOM
- CDM
- **ISEA**
- NAVICP
- ILO/FTSCPAC

In-service Engineering Agent (ISEA)

- Technical agent for assigned equipment
- Provides planned/confirmed configuration/alteration data
- Provides list of affected equipment to ship at completion of installation
- Provides installation completion data to the CDM electronically via CDMD-OA workfile
- Resolves discrepancy data

Roles and Responsibilites

- NAVSEA
- NAVSEA 04L
- SPM
- TYCOM
- CDM
- ISEA
- **NAVICP**
- ILO/FTSCPAC

Navy Inventory Control Point (NAVICP)

- Maintain Weapon Systems File (WSF) Level A and Level C data
- Provisions and codes equipment configuration
- Piece part information on equipment installed in Navy ships
- Selected shore activities.

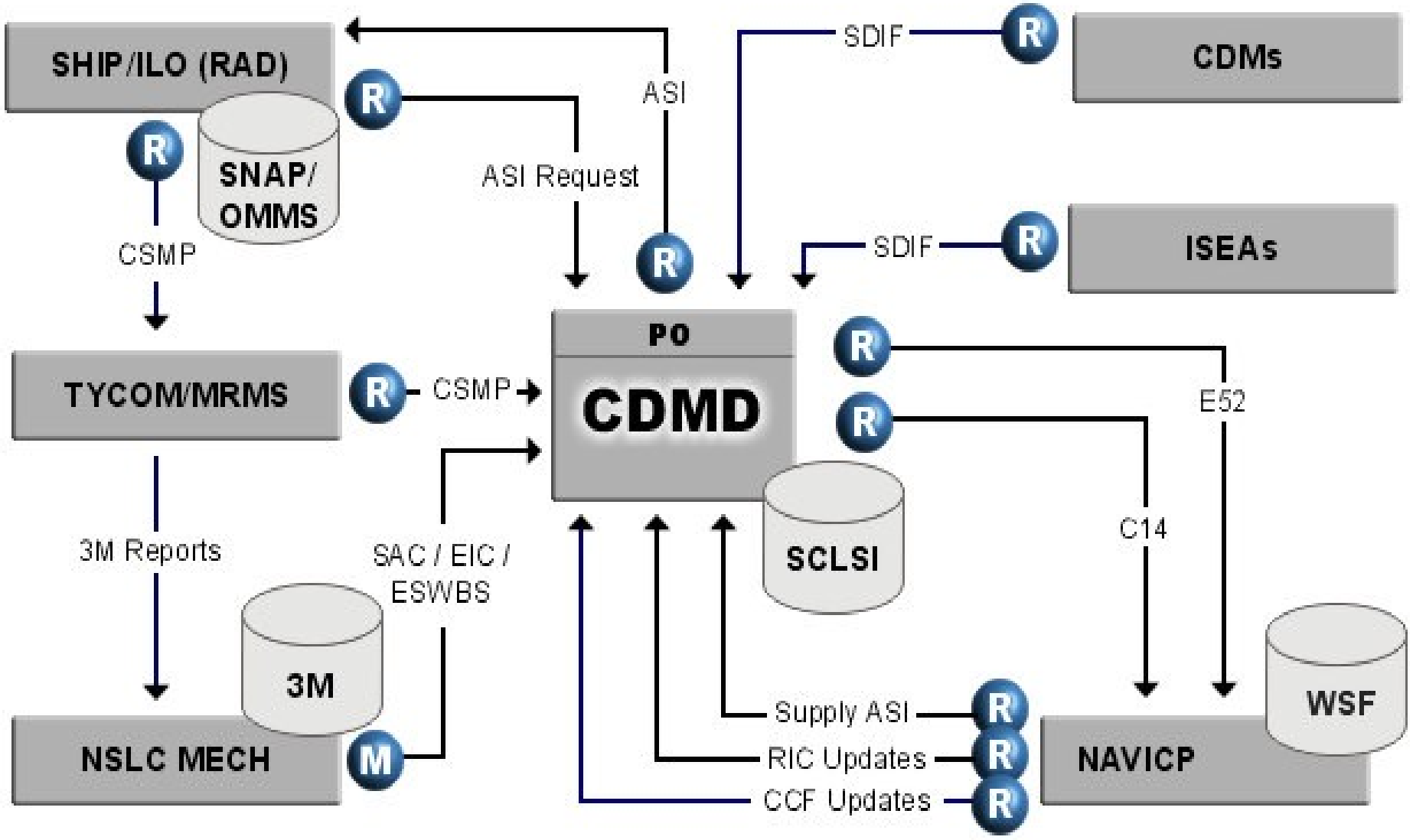
Roles and Responsibilites

- NAVSEA
- NAVSEA 04L
- SPM
- TYCOM
- CDM
- ISEA
- NAVICP
- **ILO/FTSCPAC**

Integrated Logistics Overhaul (ILO) Team/ Fleet Technical Support Center Pacific (FTSCPAC)

- Provide logistics support
- Train Fleet personnel
- Provide additional assistance required during Fleet operations.

Strategic Data Flow and RAD



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R RAD Data Transfer

M Manual Data Transfer

Strategic Data Flow

Ship/ILO → **TYCOM/ MRMS** **CDMD-OA Central** **Ship/ILO**

Ship
- Performs CSMP Upline
- Submits 3M data (2K, CK) via RAD Upline Reporting
- Initiates a Job Control Number which is tracked throughout the ASI Process

ILO (Integrated Logistics Overhaul) performs some of ship's responsibilities during availabilities

Strategic Data Flow

Ship/ILO → **TYCOM/ MRMS** → CDMD-OA Central → Ship/ILO

TYCOM/MRMS processes the data, converts the data from 80 to 120 character format, combines the CSMP from various UICs, then sends the CSMP file with CKs back to RADLANT.

RAD CSMP Upline Report

Strips off Cks

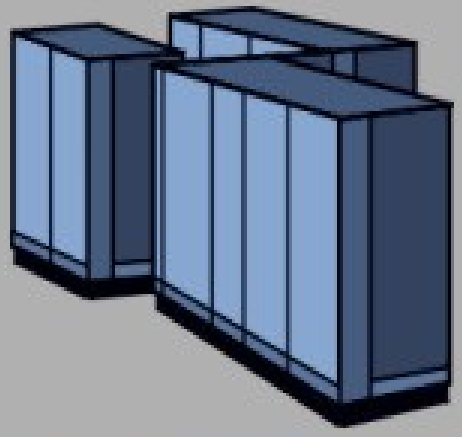
RADLANT/RADPAC Server

Strategic Data Flow

Ship/ILO → **TYCOM/ MRMS** → CDMD-OA Central → Ship/ILO

TYCOM/MRMS processes the data, converts the data from 80 to 120 character format, combines the CSMP from various UICs, then sends the CSMP file with CKs back to RADLANT.

RADLANT then forwards the CSMP file to both Central and the Ship's 3M System for material history.



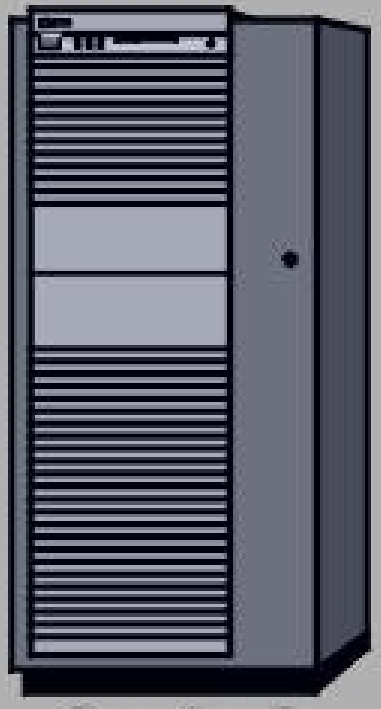
RADLANT/RADPAC Server

CDMD-OA Central and Ship's 3M System

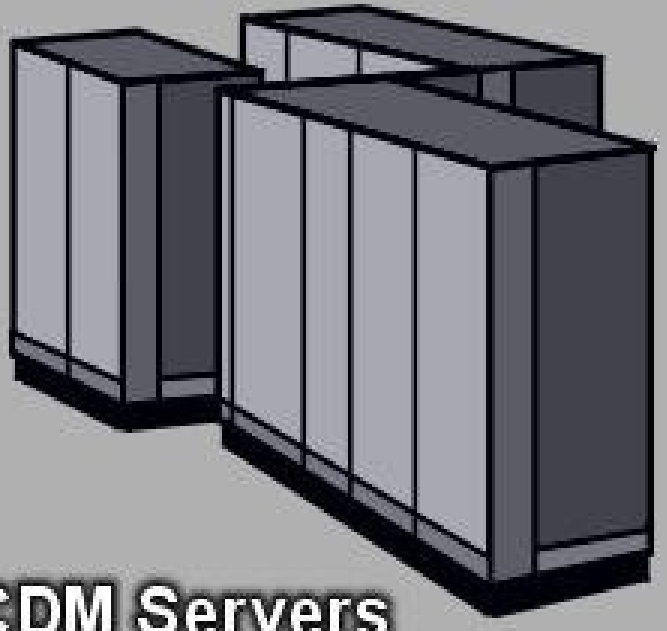
Strategic Data Flow

Ship/ILO → TYCOM/ MRMS → **CDMD-OA Central** → Ship/ILO

CDMD-OA Central forwards the CKs to the appropriate CDM's server, where they are processed by the assigned CDM.



Central

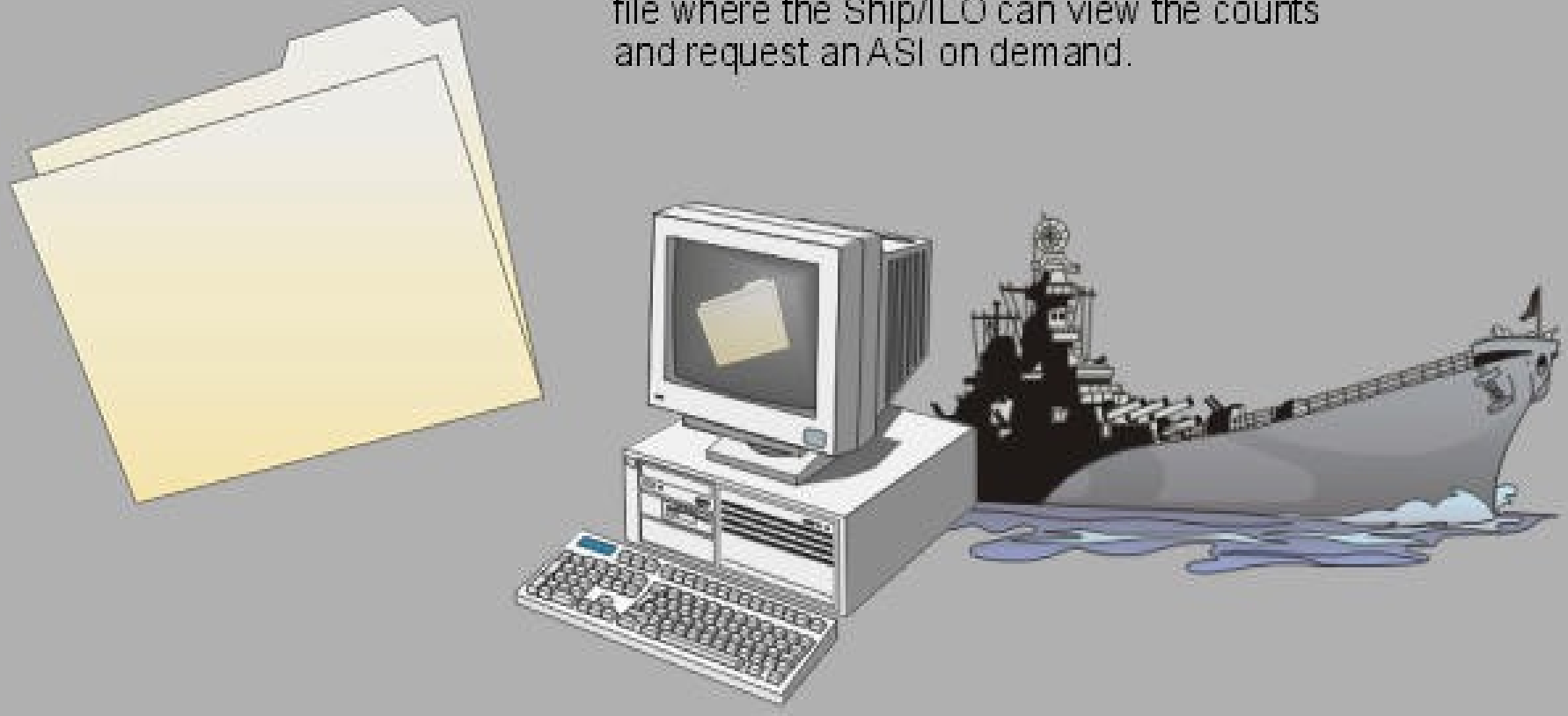


CDM Servers

Strategic Data Flow

Ship/ILO → TYCOM/ MRMS → **CDMD-OA Central** → Ship/ILO

Once processed, records are stored in a file where the Ship/ILO can view the counts and request an ASI on demand.



Strategic Data Flow

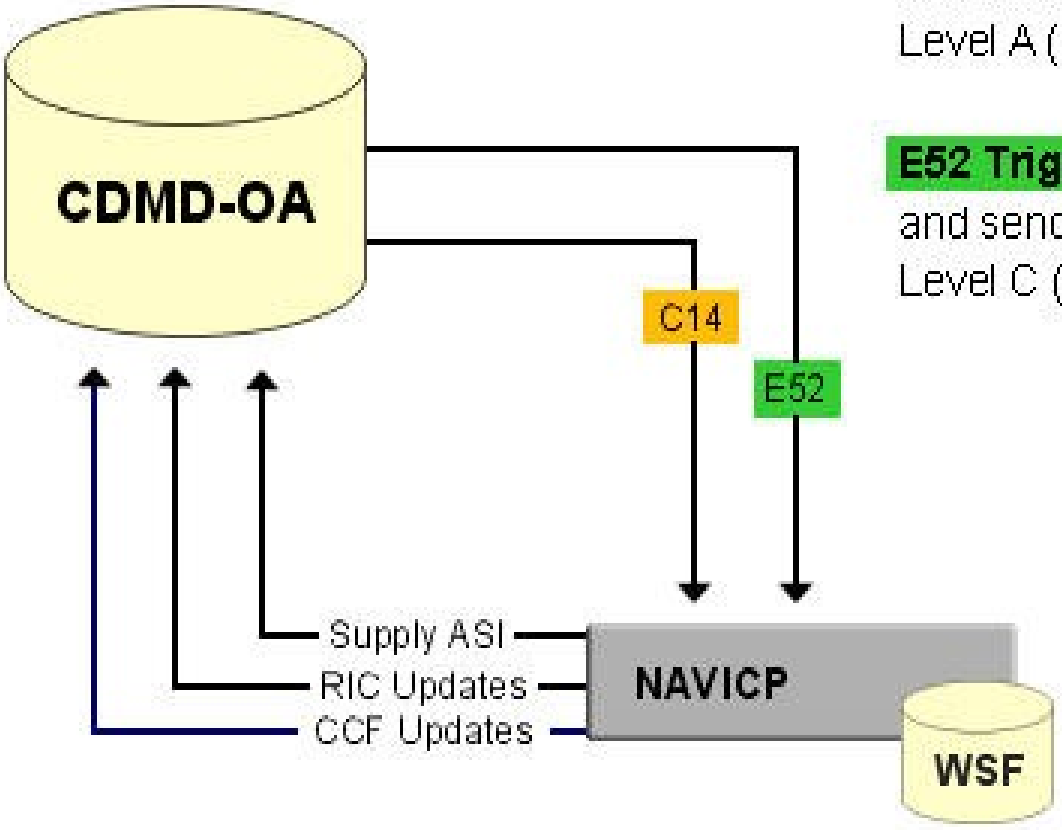
Ship/ILO → TYCOM/ MRMS → CDMD-OA Central (R) → **Ship/ILO**

Ship/ILO views ASI Counts and Builds and performs ASI on demand. This file is then passed to the ship's RAD Mailbox where it is downloaded and played into SNAP/OMMS-NG.

ASI ⇨ **RAD Mailbox** ⇨ **SNAP/OMMS-NG**

(R) RAD ASI Counts and Builds

NAVICP Loop



CDMD-OA GENERATES:

C14 Triggers (adds, changes, deletes) and sends to NAVICP to update the WSF Level A (END ITEM).

E52 Triggers (range adds and depth increases) and sends to NAVICP to update the WSF Level C (Repair parts for END ITEM).

Strategic Data Flow

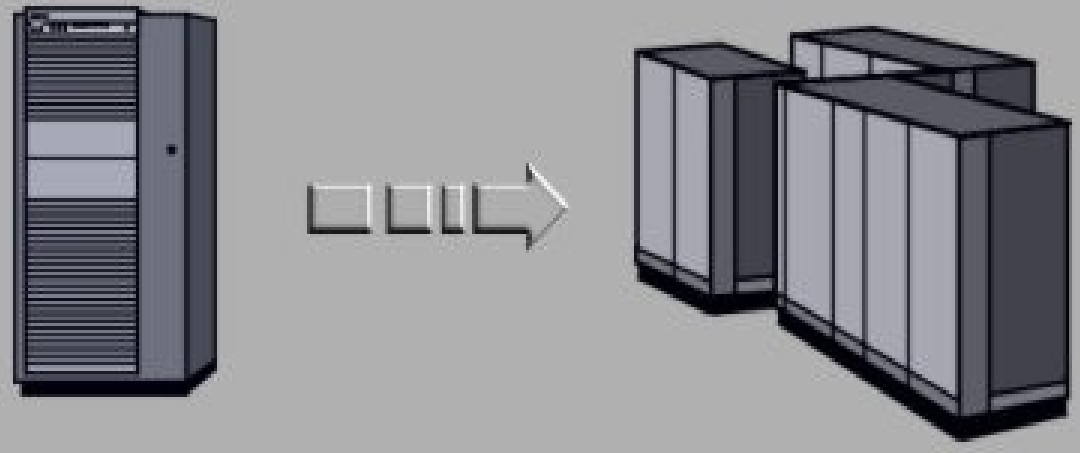
ISEA → **CDMD-OA Central** → **Ship/ILO**

- Use RAD, Send RADMAIL Option to forward SDIF file to Central:

Strategic Data Flow

ISEA → **CDMD-OA Central** → Ship/ILO

- **CDMD-OA Central** forwards the files to the appropriate CDM server as a Workfile, where they are processed by the assigned CDM.



Strategic Data Flow

ISEA

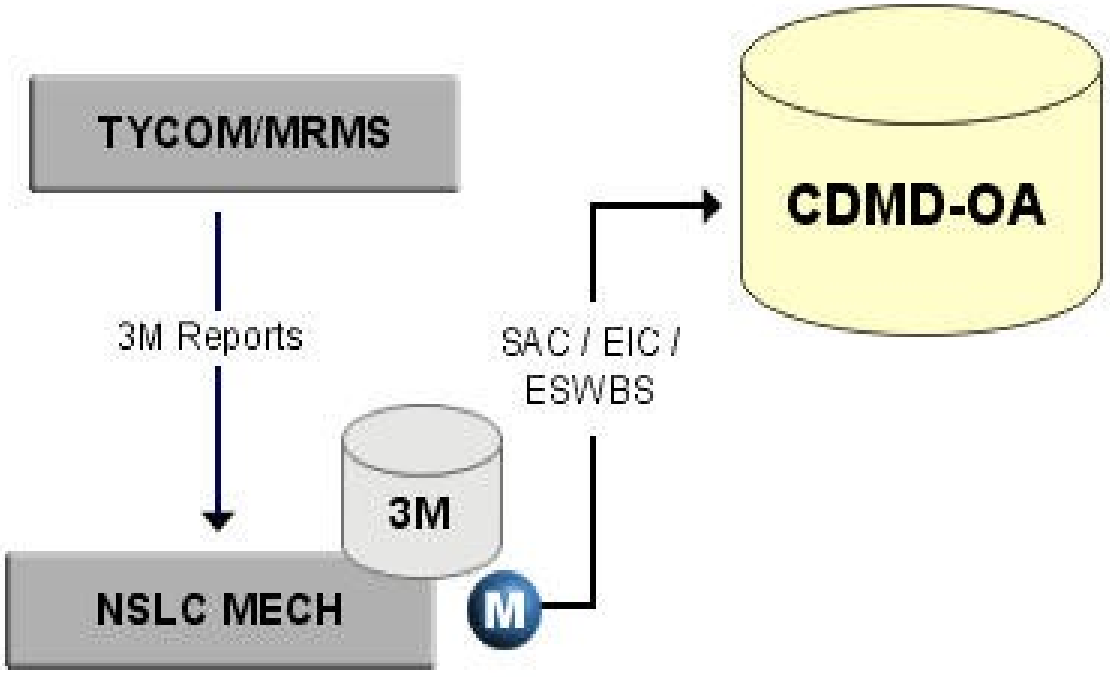
CDMD-OA Central

Ship/ILO

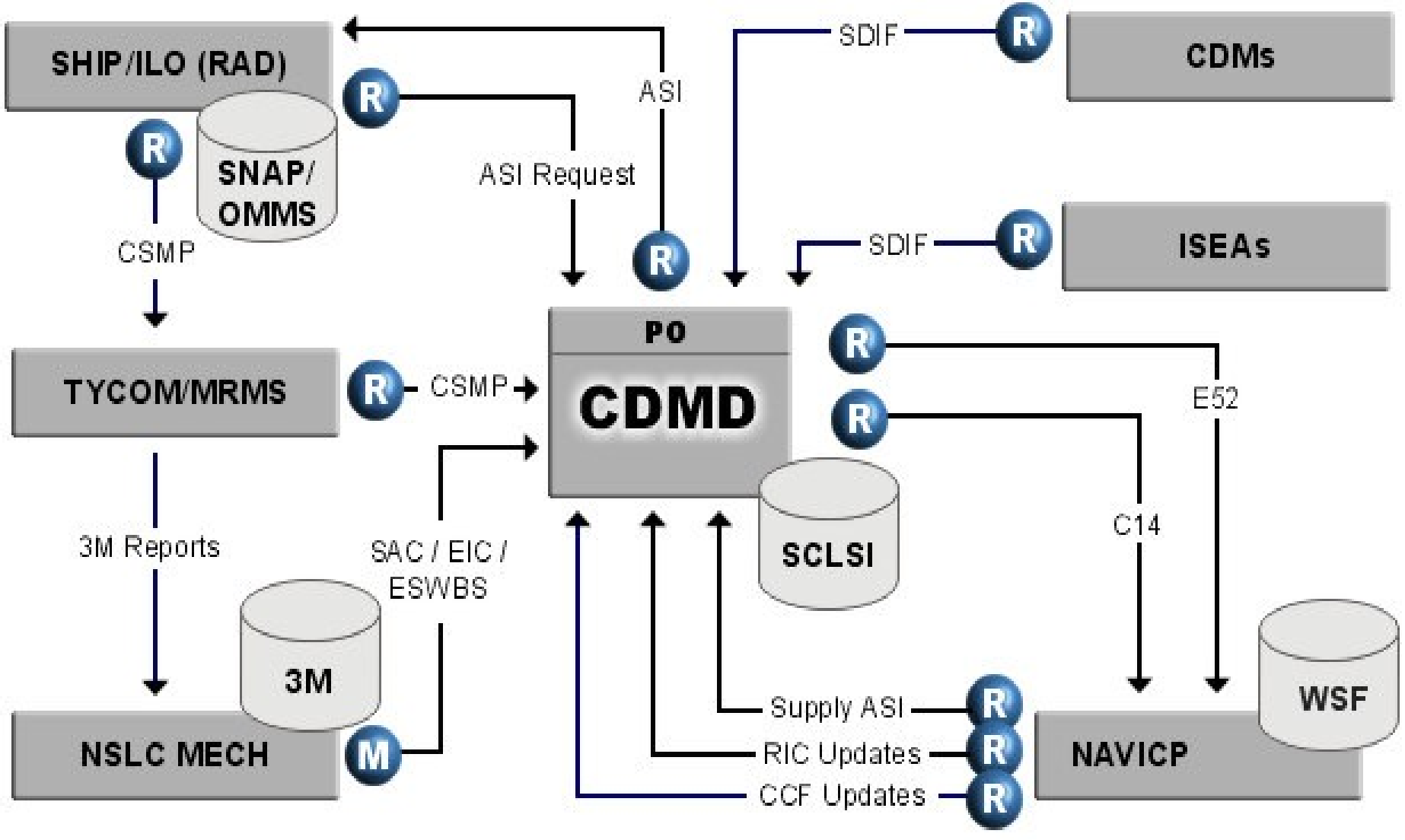
Ship/ILO views ASI Counts and Builds and performs ASI on demand. This file is then passed to the ship's RAD Mailbox where it is downloaded and played into SNAP/OMMS-NG.

ASI → **RAD Mailbox** → **SNAP/OMMS-NG**

R RAD ASI Counts and Builds


TYCOM/MRMS
3M Reports
NSLC MECH
3M
SAC / EIC /
ESWBS
CDMD-OA

Strategic Data Flow and RAD



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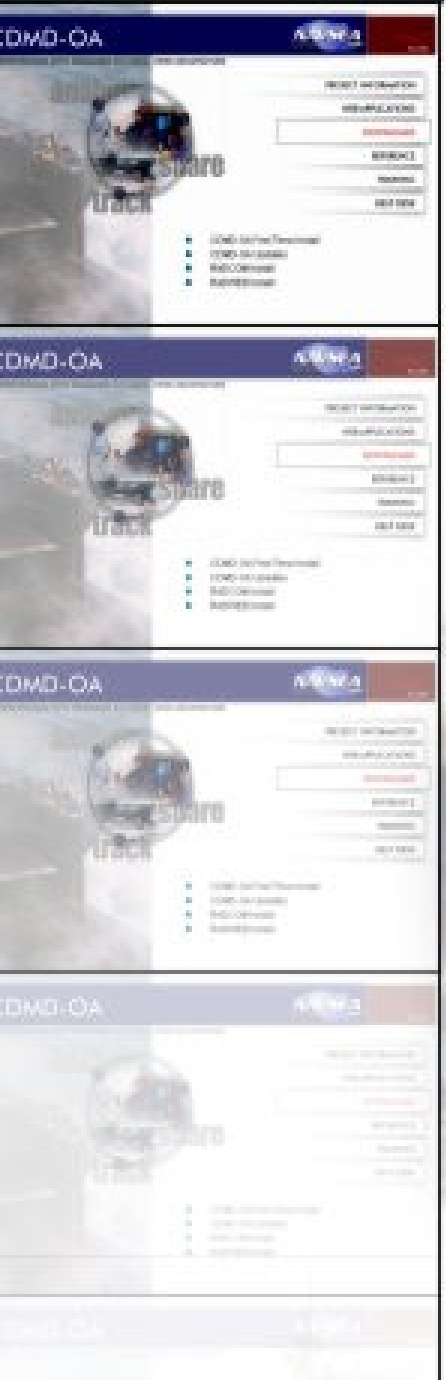


CDMD-OA

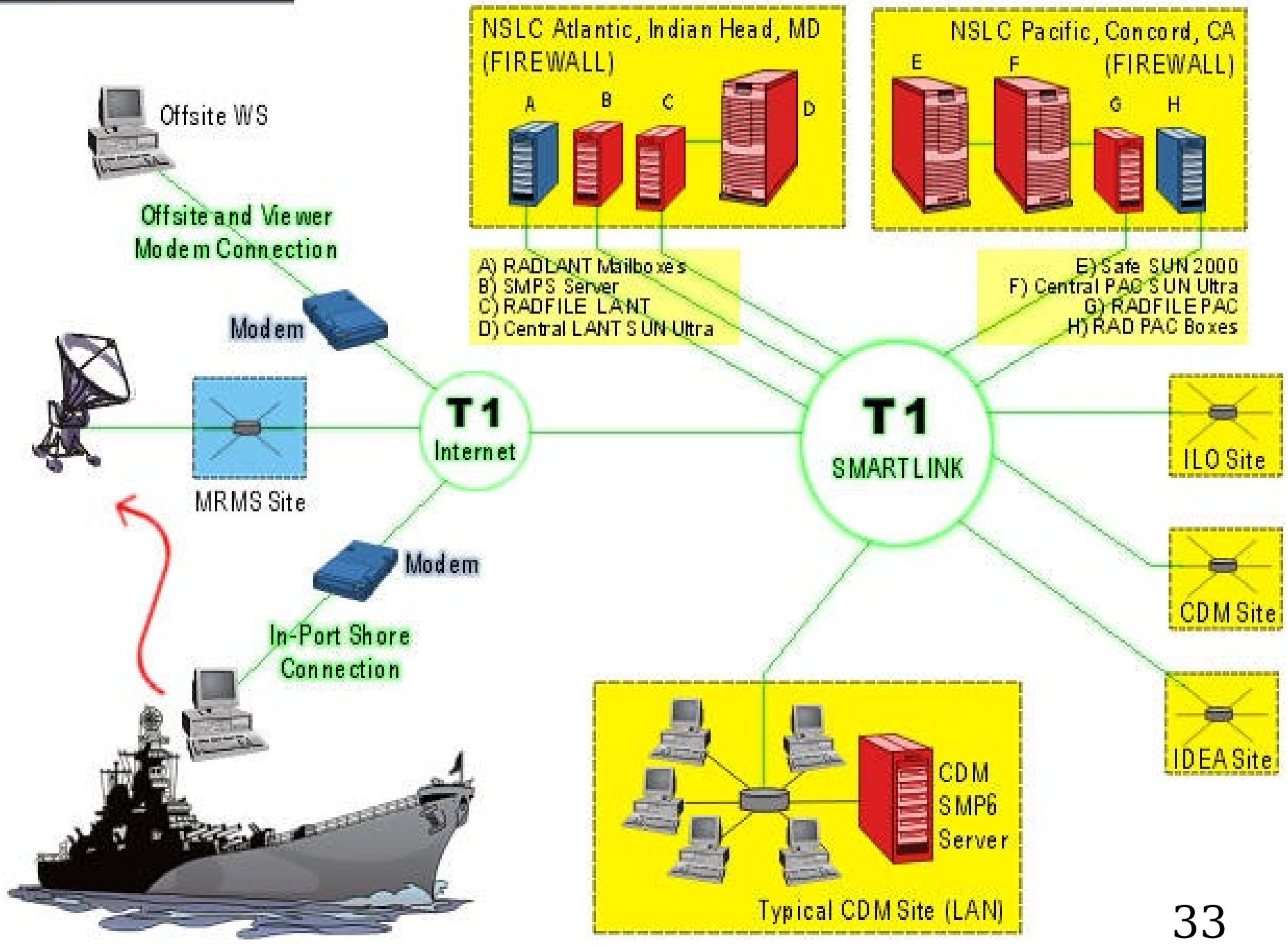
CDMD-OA Overview Topics

- CDMD-OA functionality
- Hardware Configuration
- Distributed Database and Warehouse
- Client Overview and Windows Conventions
- Web Site

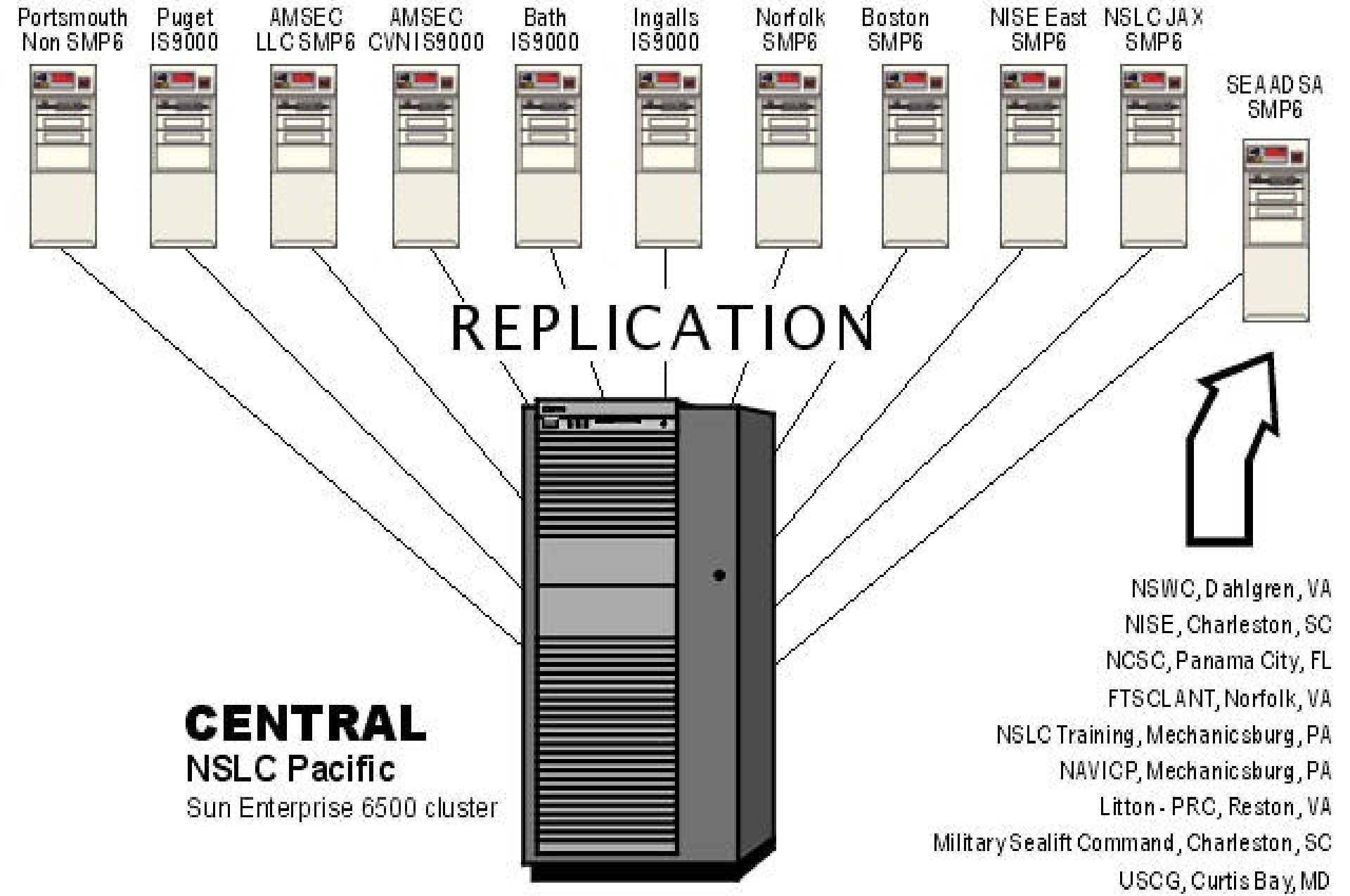
CDMD-OA Functions

- Configuration and Logistics Tracking
- Provides allowance and configuration data to NAVICP
- Provides supply & Configuration data for transfer to ship
- Provides CDM authoring tools
- Global Reference Data
- Workfile Module provides online change control
- Provides validation aids
- Automated Database Reconciliation (DBR) with SNAP/OMMS-NG
- NAVICP tool for XRIC tracking

Hardware Configuration



Distributed Database & Data Warehouse



CDMD-OA Executables

- CDMD-OA.exe
- CDMD-ADM.exe

WINDOWS Application

- GUI
- MDI

Basic Windows Conventions

- Control-C (Copy)
- Control-V (Paste)
- Shift-Click (Select all records)
- Control-Click (Select specific records)

Webpage Review

http://www.cdmd.navy.mil

WEB APPLICATIONS

- Request a CDMD-OA Account

DOWNLOADS

- CDMD-OA Installation/Updates
- RAD Install

REFERENCES

- Tech Spec 9090-700C
- CDM Contact List

TRAINING

- Training Schedules
- Training Sites
- Training Material

HELP DESK

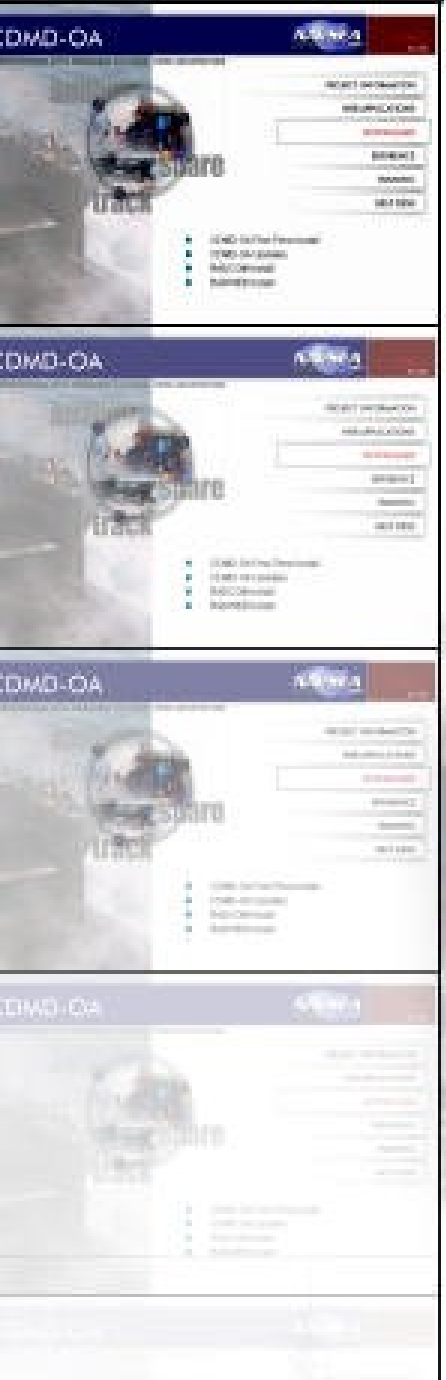
- Request Tech Support
- Tips and Diagnostics

CDMD-OA and RAD HELP

Hours: 0700-1700 EDT

904-270-7349 (East Coast)
904-759-4065 (after hours duty phone)

Heatweb@nslc-jax.spear.navy.mil



CDMD-OA

CDMD-OA Overview

- User Interface
- Building Queries
- Screen Options

PROJECT INFORMATION

WEB APPLICATIONS

DOWNLOADS

REFERENCE

TRAINING

HELP DESK

Login Screen

Ad Hoc query

1) Go to the Configuration (2) query screen and **REMOVE ALL**

2) **Add** the following fields:
   - **Ship Hull** (ACT) - *From the Activity (ref) Table*
   - **RIN, RIC, HSC, SERIAL NUMBER,LOCATION,ISC** - *From the Config (Primary) Table*
   - **EFD,ESD** (ref-CFF) *From the Class Functional File Reference Table*

3) **Move** the following fields:
   - ESD under HSC
   - EFD under ESD

4) Using **HELP**, what is **EFD**, **ESD**, and **ISC**

5) **Save** the ad hoc query as your last name.

6) Right mouse click and bring up additional options. View all options.

Browse Screen

1) Go to the Configuration (2) query screen and **REMOVE ALL**

2) Add The following fields
   - **Ship Hull** (ACT)
   - **RIN, RIC, HSC, SERIAL NUMBER,LOCATION, ISC**
   - **EFD,ESD** (ref-CFF)

3) **Set** the **Ship Hull** FILTER to DDG 68

4) Type RIC **00002100** in the **RIC** FILTER and Click **OK**.

5) **SORT** on LOCATION.

6) **MOVE** ESD between RIC and HSC.

7) **INCREASE** EFD field to read complete EFD.

8) **DECREASE** Serial Number field.

9) Go through steps to **SAVE** as an Excel file with headers.

10) Right Click and bring up Help Popup and Help Detail windows.

Detail Screen

1) Go to the Configuration (2) query screen and **REMOVE ALL**

2) Add The following fields
   - **Ship Hull** (ACT)
   - **RIN, RIC, HSC, SERIAL NUMBER,LOCATION, ISC**
   - **EFD,ESD** (ref-CFF)

3) **Set** the **Ship Hull** FILTER to DDG 68

4) Type RIC **00004804** in the RIC FILTER and Click **OK.**

5) Click **Detail** button.

6) Double-click on each Hot Key field (RIC, HSC, Parent RIC)

7) Click on ISC field, then click on Reference Library Icon, then click on the ? Icon.

8) Click on DOVC field, then click on Utilities. From the drop-down menu, click Ref Library.

9) Does the record have any Logistics, Alteration, Parts, Source of Support, UDFs, or JCN records?

Review Building Queries

- Lab 1, Appendix D

Review 3-Step Query Process

- Selection Criteria Screen
- Browse Screen
- Detail Screen

Review Reference Files (Lesson 9)

Review Help Menu (Lesson 14)

Review Wildcards (Appendix A)

Review Technical Support

Building Workfiles

WorkFile Summary Screen

- Each Row Reflects a Summary at the Load File Level or User WorkFile Level
- Status - Open, Build, Hold, Released, Completed, and Sent to CDM
- Insert/delete/submit new work files
- Users rights, access and submit workfiles

WorkQueue Screen

- Each Row Reflects a Summary at the UIC/Hull Level
- Each Workfile Summary May Contain Multiple Queues (Hulls)
- Insert/delete Work queues here
- Copy Queue to workfile summary

Manual Review

- Provides a Brief of Each Transaction within the Queue
- Can View Transactions Using Various Filters

Detail Screen

- Detail Screen of Each Transaction colors

Creating Workfiles

- Easier to copy data into a workfile than to create from inserting records
- View workfile from Workfile Summary Screen
- Default Summary Title on Status Bar

To create a workfile:

1. Open the **Query** menu and click **Configuration (2) File**.
2. At the **Selection Criteria** window, select the fields you want displa
3. In the Browse window, select the records to copy.
4. Open the **Edit** menu and click **Copy to Queue**.

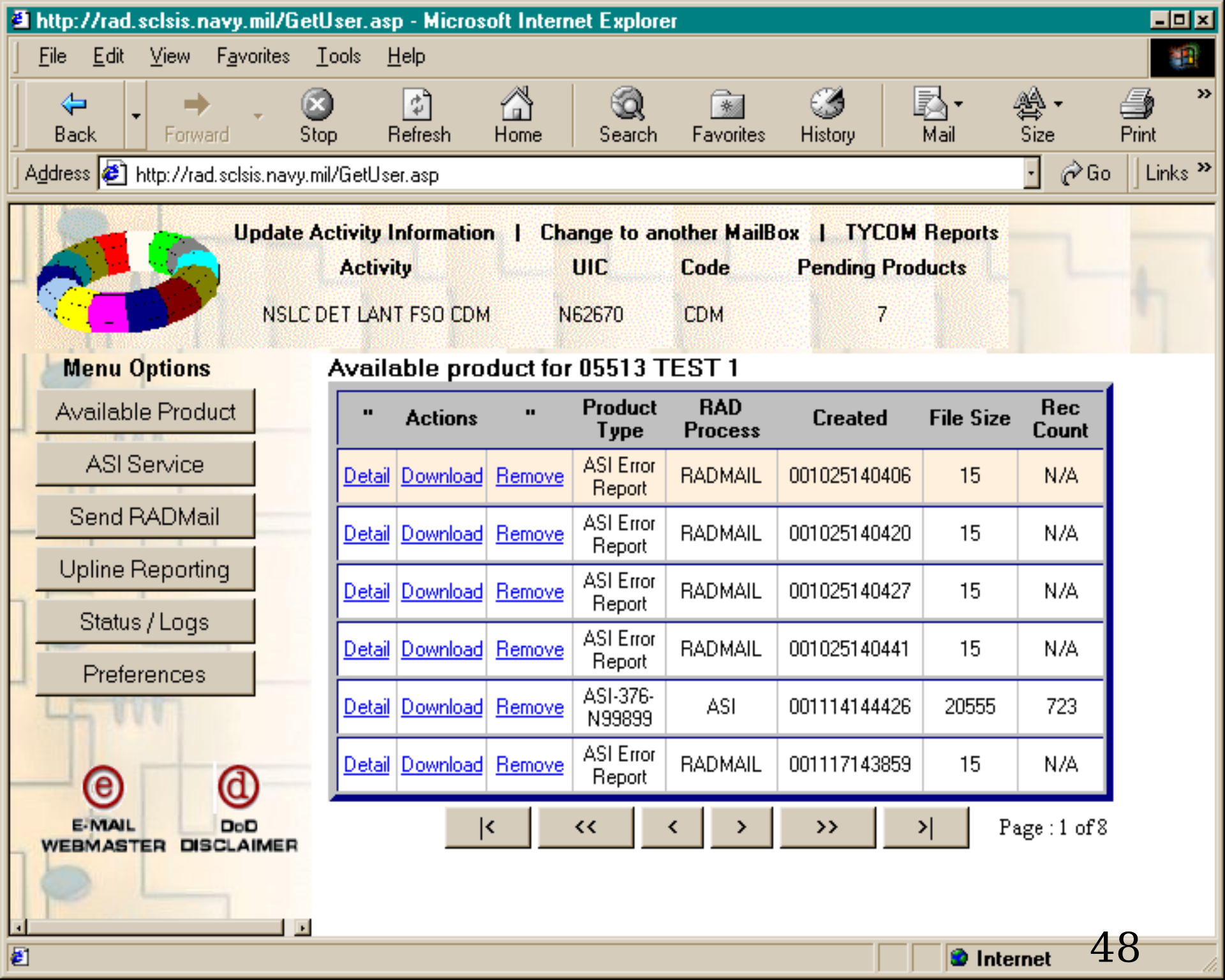
Note: The **Copy to Queue** command copies records to a workfile.

From the **WF Summary Selection** window, select the workfile to which you want to
copy the records and click **OK**.
OR
From the **WF Summary Selection** window, click **Add New** to add a new workfile and type a descriptive title in the **Enter Summary Title** text box.

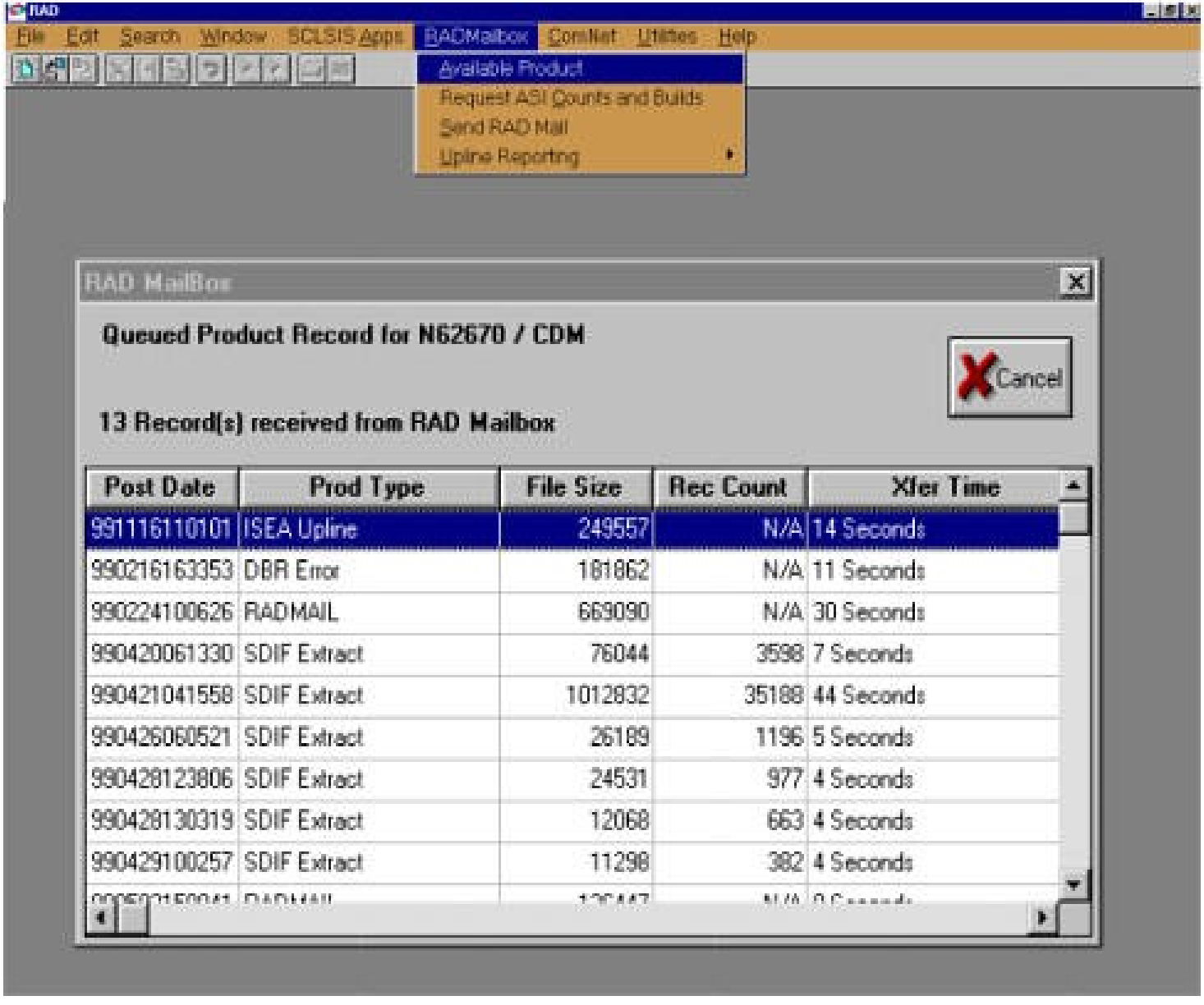
Note: The text typed in the **Enter Summary Title** text box becomes the workfile's title.

In the **Copy Selection Criteria** dialog box, select
Copy to same UIC if you want to copy records to the same ship (CDMD-OA assigns existing RINs) or
Copy to One or Multiple UICs (CDMD-OA assigns TRINs).

Select the information to copy, i.e., Logistics (RT 3), Alterations (RT 4), and/or User Defined Fields (UDFs) and click **OK.**
If you selected **Copy to One or Multiple UICs**, the **Select Hull(s)** window appears allowing you to select the appropriate hulls. After selecting hulls, click **OK**.

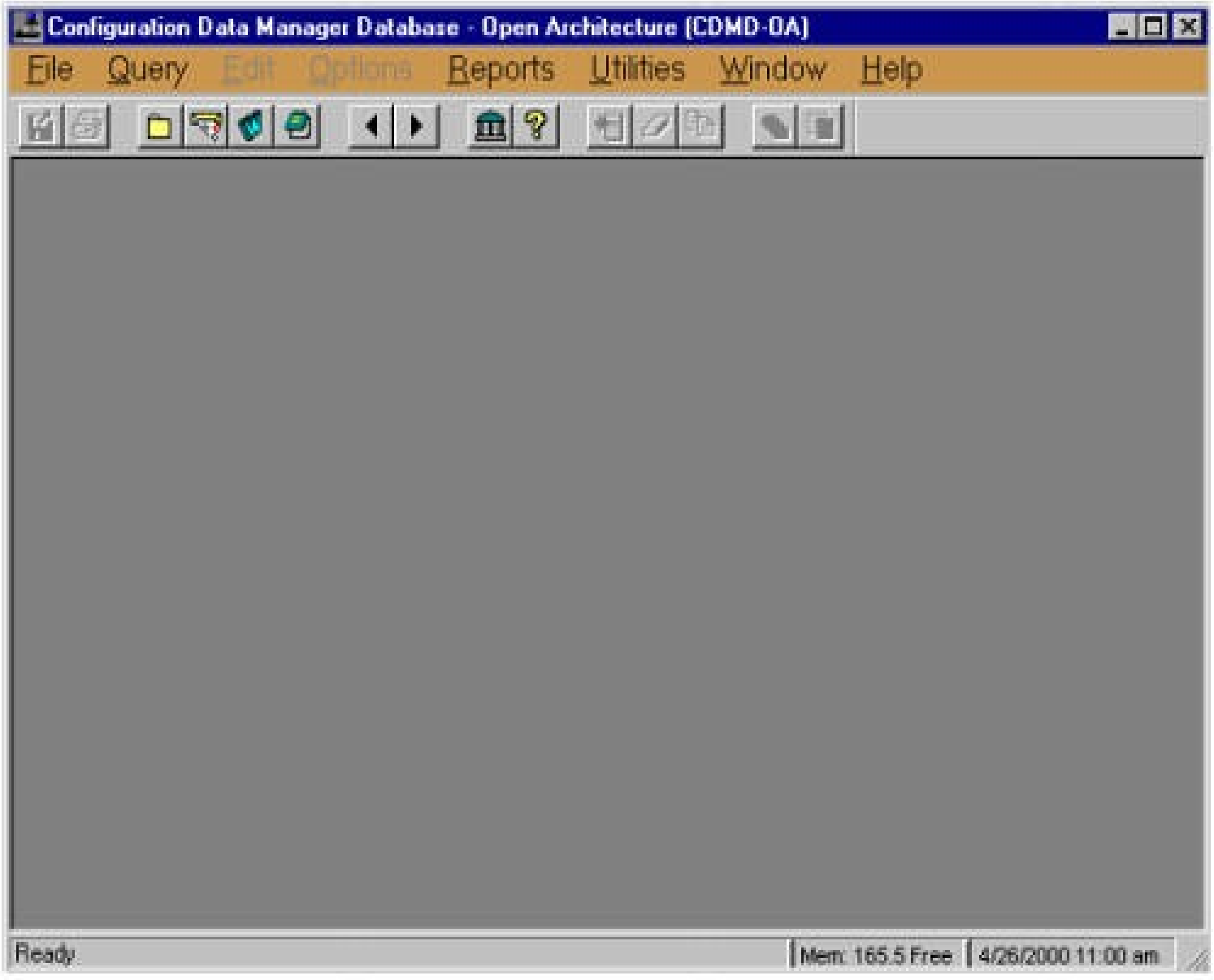

http://rad.sclsis.navy.mil/GetUser.asp - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Size Print
Address http://rad.sclsis.navy.mil/GetUser.asp
Go Links
Update Activity Information | Change to another MailBox | TYCOM Reports
Activity UIC Code Pending Products
NSLC DET LANT FSO CDM N62670 CDM 7
Menu Options
Available Product
ASI Service
Send RADMail
Upline Reporting
Status / Logs
Preferences
E-MAIL WEBMASTER
DoD DISCLAIMER
Available product for 05513 TEST 1
" Actions " Product Type RAD Process Created File Size Rec Count
Detail Download Remove ASI Error Report RADMAIL 001025140406 15 N/A
Detail Download Remove ASI Error Report RADMAIL 001025140420 15 N/A
Detail Download Remove ASI Error Report RADMAIL 001025140427 15 N/A
Detail Download Remove ASI Error Report RADMAIL 001025140441 15 N/A
Detail Download Remove ASI-376-N99899 ASI 001114144426 20555 723
Detail Download Remove ASI Error Report RADMAIL 001117143859 15 N/A
|< << < > >> >|
Page : 1 of 8
Internet

RAD Mailbox

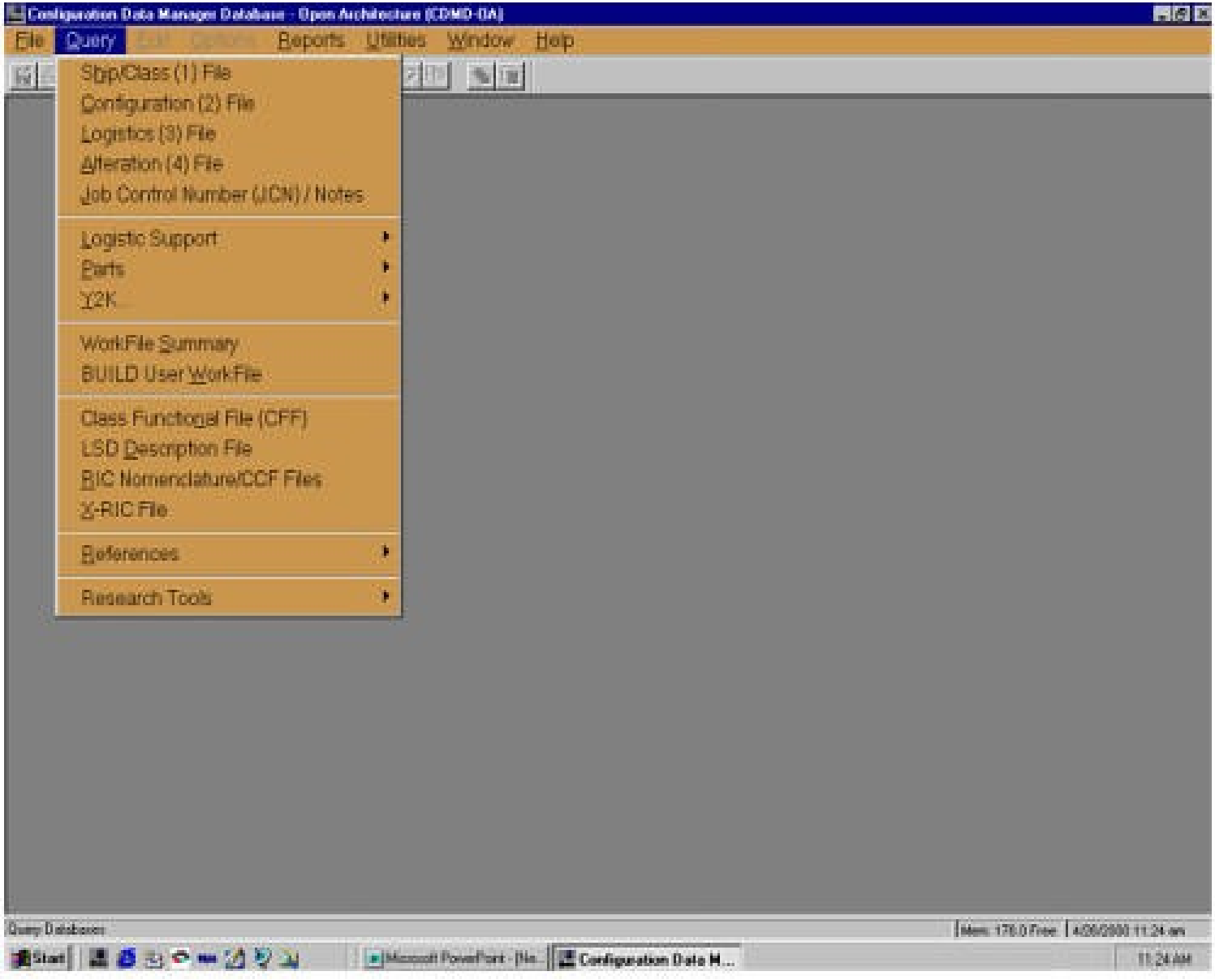

RAD
File Edit Search Window SCLSIS Apps RADMailbox ComNet Utilities Help
Available Product
Request ASI Counts and Builds
Send RAD Mail
Upline Reporting
RAD MailBox
Queued Product Record for N62670 / CDM
Cancel
13 Record(s) received from RAD Mailbox
Post Date | Prod Type | File Size | Rec Count | Xfer Time
991116110101 | ISEA Upline | 249557 | N/A | 14 Seconds
990216163353 | DBR Error | 181862 | N/A | 11 Seconds
990224100626 | RADMAIL | 669090 | N/A | 30 Seconds
990420061330 | SDIF Extract | 76044 | 3598 | 7 Seconds
990421041558 | SDIF Extract | 1012832 | 35188 | 44 Seconds
990426060521 | SDIF Extract | 26189 | 1196 | 5 Seconds
990428123806 | SDIF Extract | 24531 | 977 | 4 Seconds
990428130319 | SDIF Extract | 12068 | 663 | 4 Seconds
990429100257 | SDIF Extract | 11298 | 382 | 4 Seconds

Slides past this point are for contingency purposes if you cannot connect to Central for any reason.

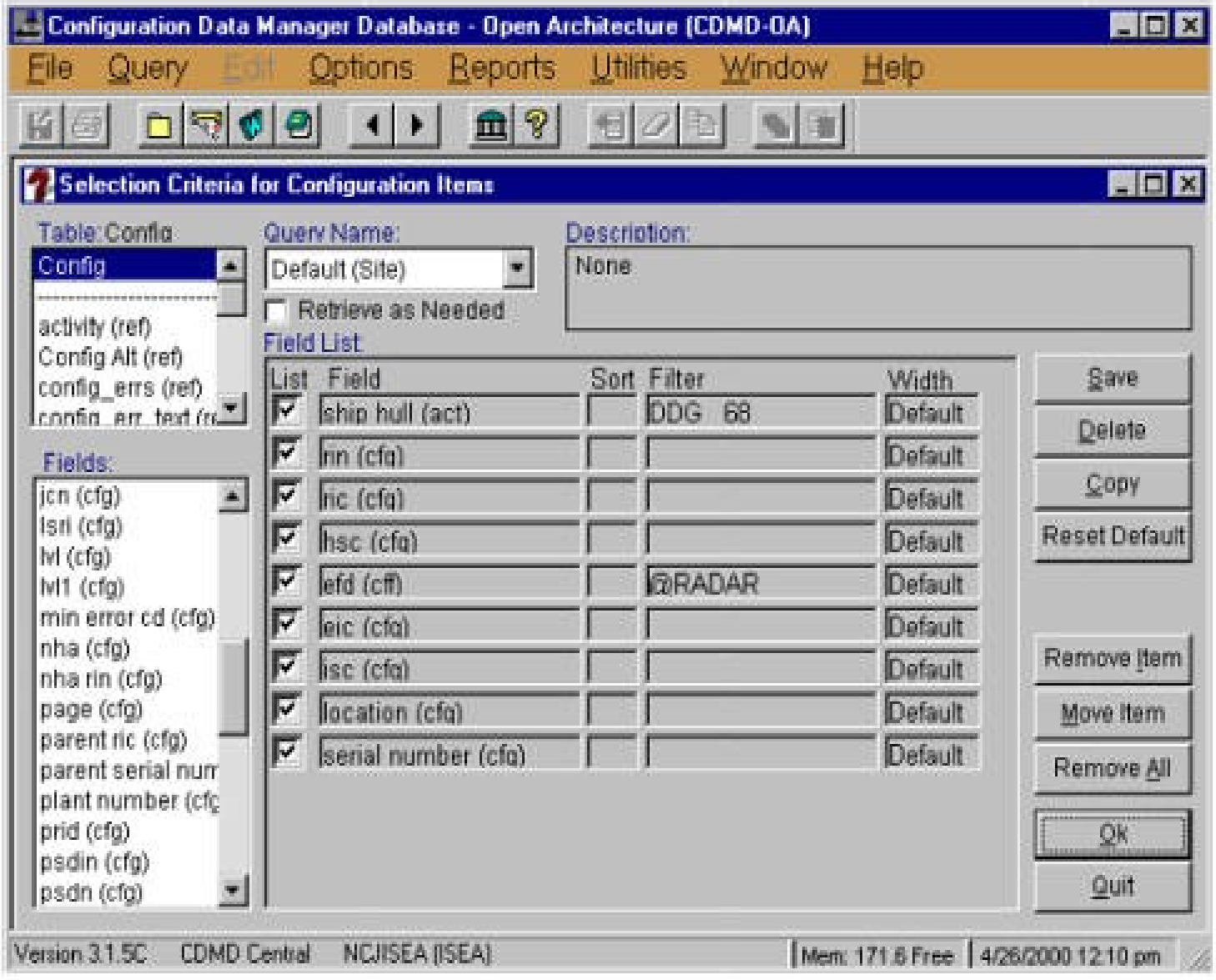
Main Screen


Configuration Data Manager Database - Open Architecture (CDMD-OA)
File
Query
Edit
Options
Reports
Utilities
Window
Help
Ready
Mem: 165.5 Free
4/26/2000 11:00 am

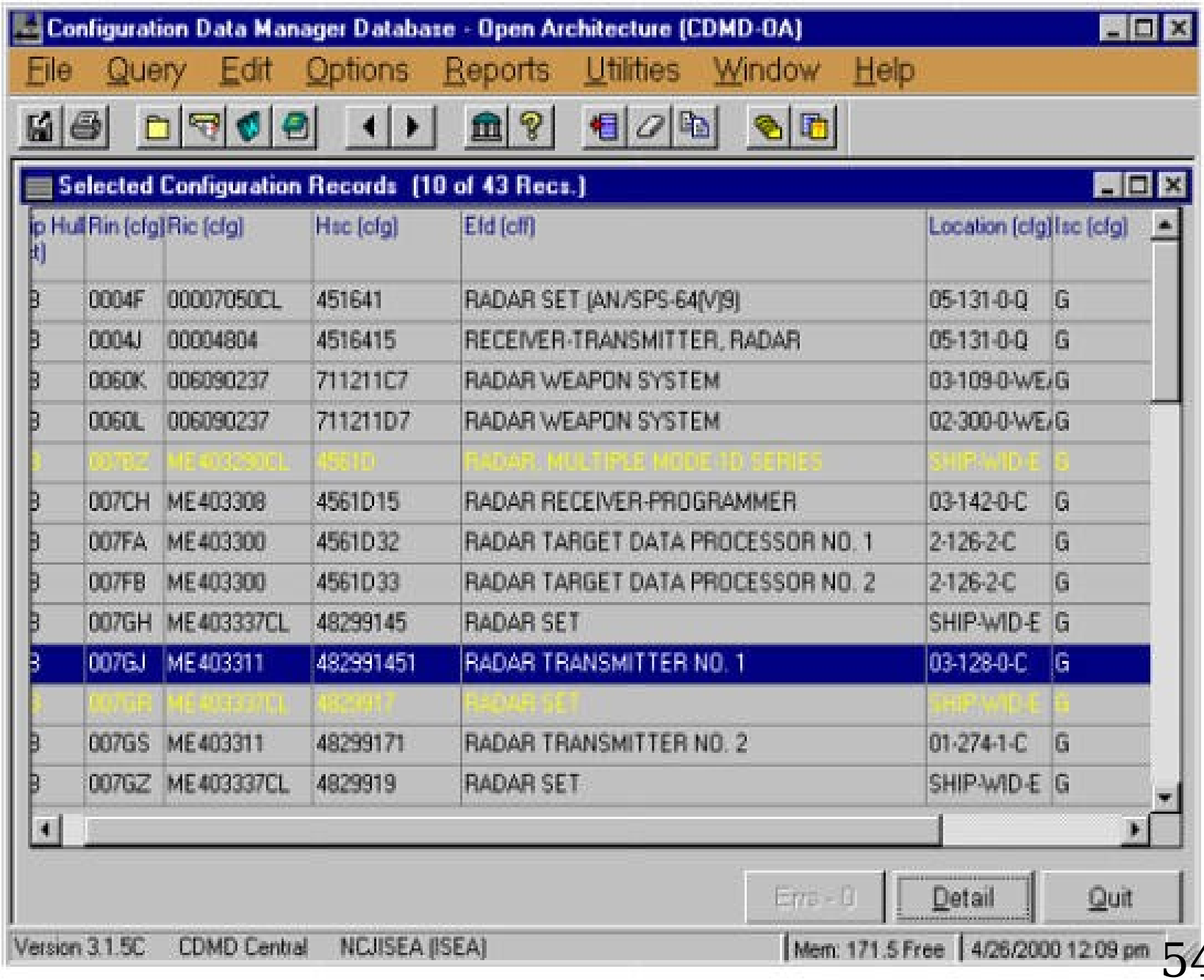
Main Screen


Configuration Data Manager Database - Open Architecture (CDMD-OA)
File
Query
Reports
Utilities
Window
Help
Ship/Class (1) File
Configuration (2) File
Logistics (3) File
Alteration (4) File
Job Control Number (JCN) / Notes
Logistic Support
Parts
Y2K
WorkFile Summary
BUILD User WorkFile
Class Functional File (CFF)
LSD Description File
RIC Nomenclature/CCF Files
X-RIC File
References
Research Tools
Query Database
Start
Configuration Data M...

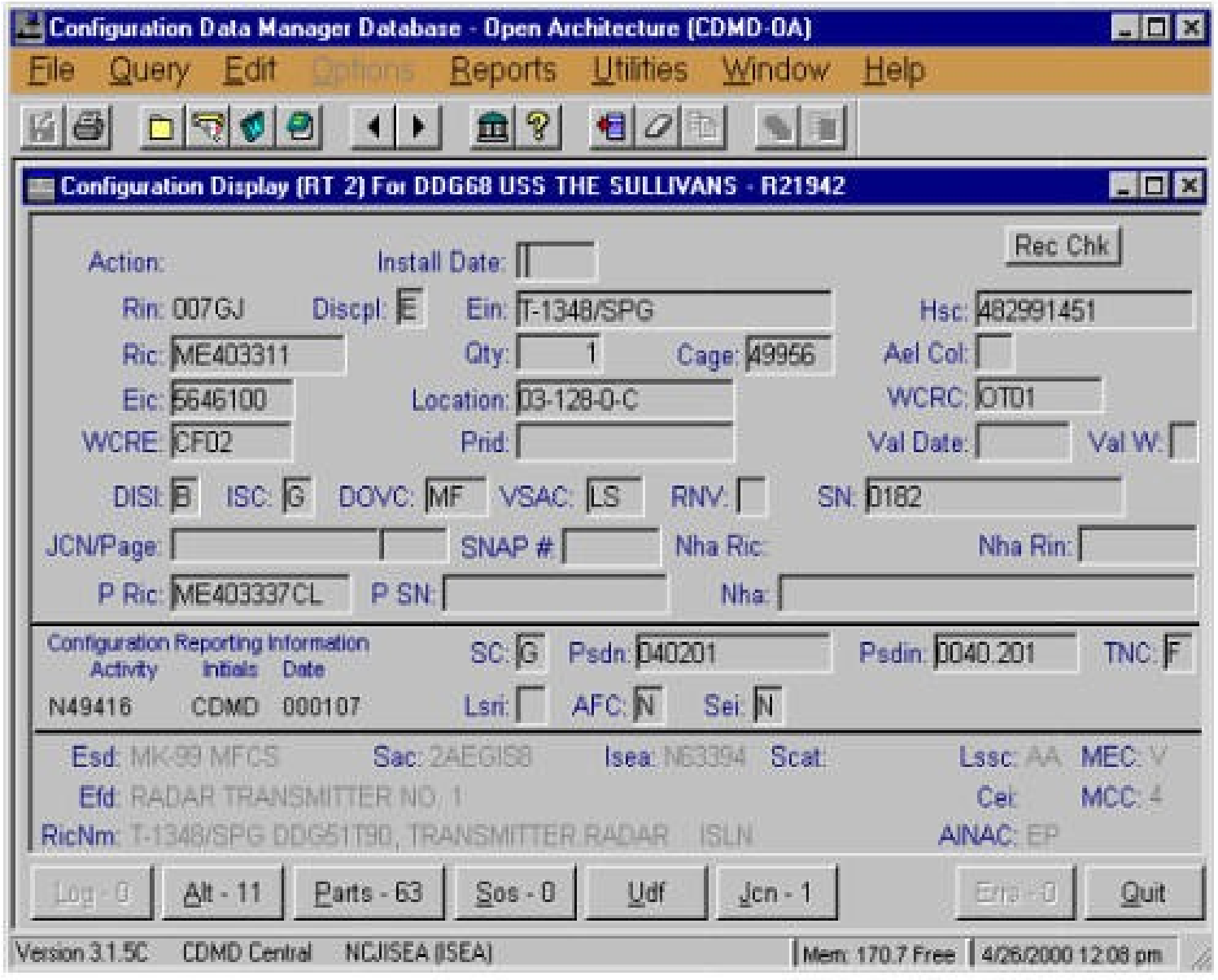
Configuration Query Screen



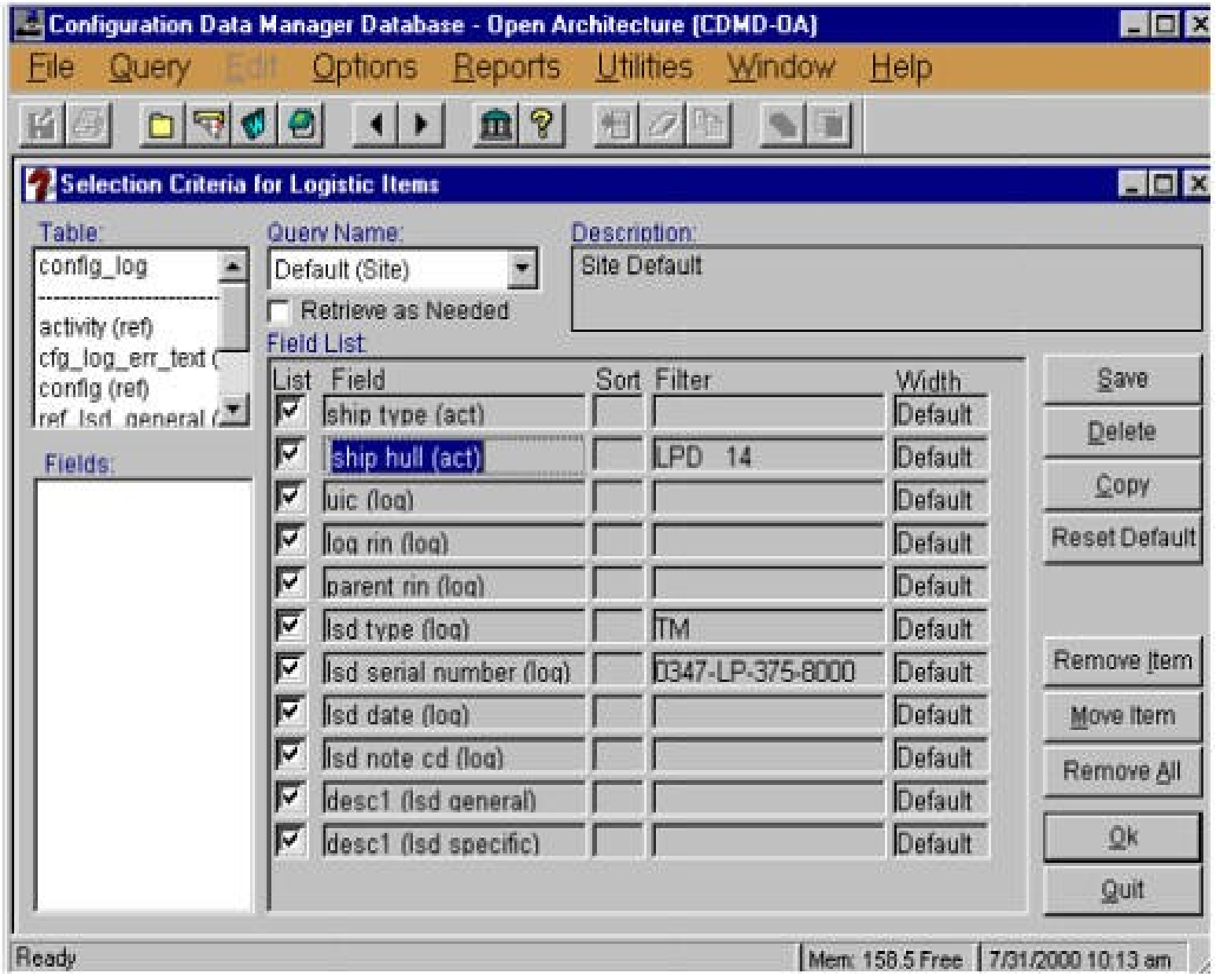
Browse Screen



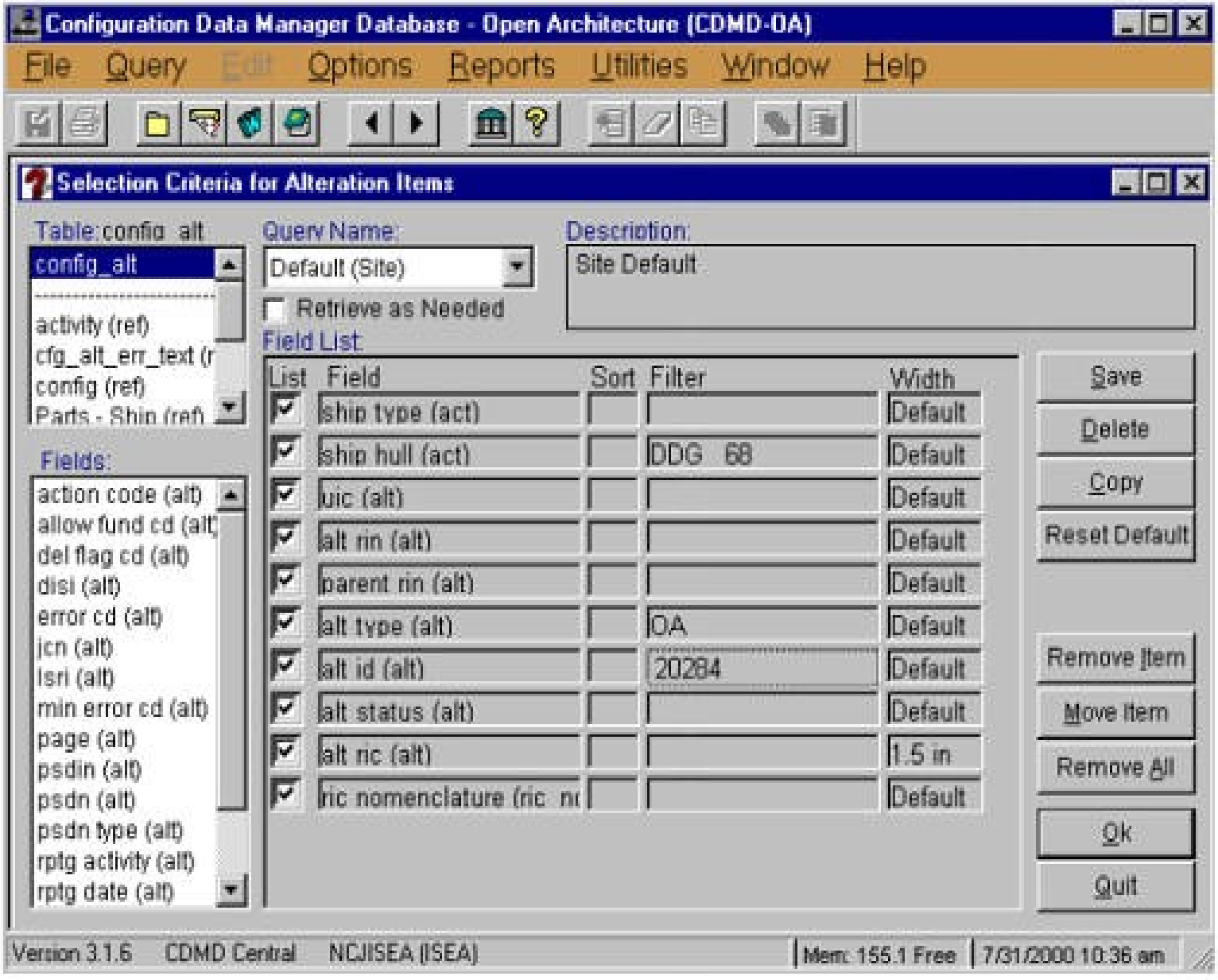
Detail Screen



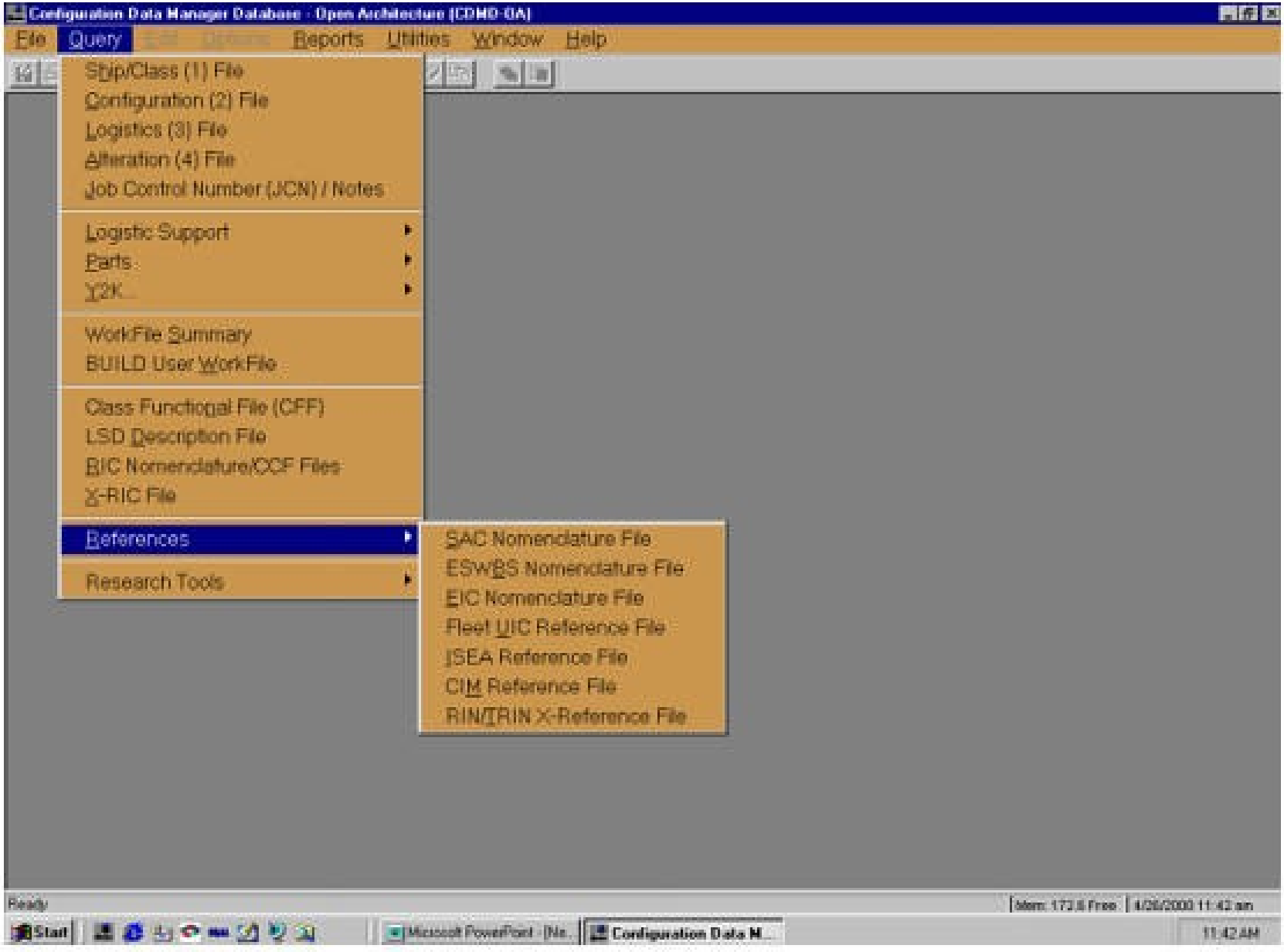
Logistics Query Screen



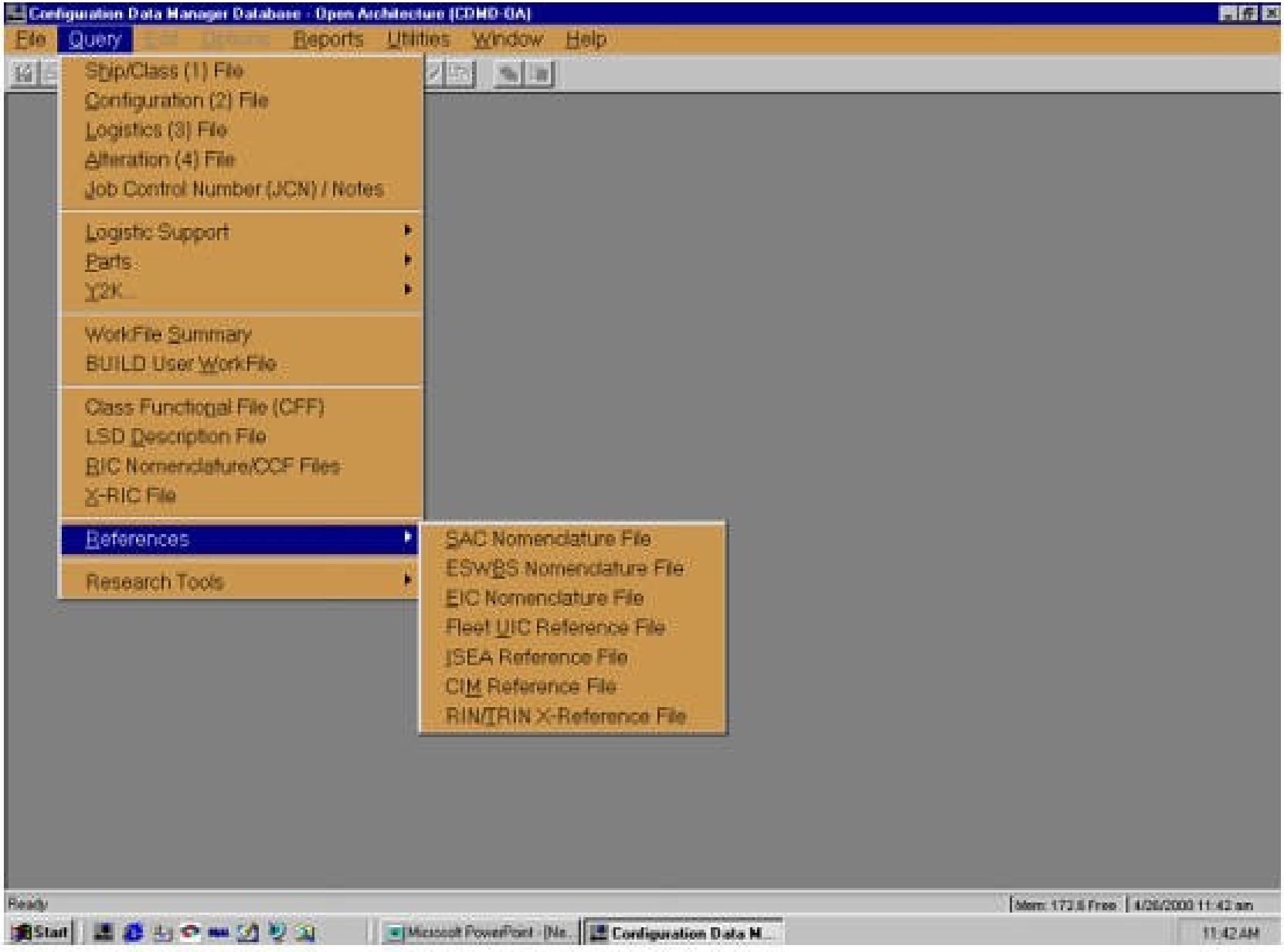
Alteration Query Screen



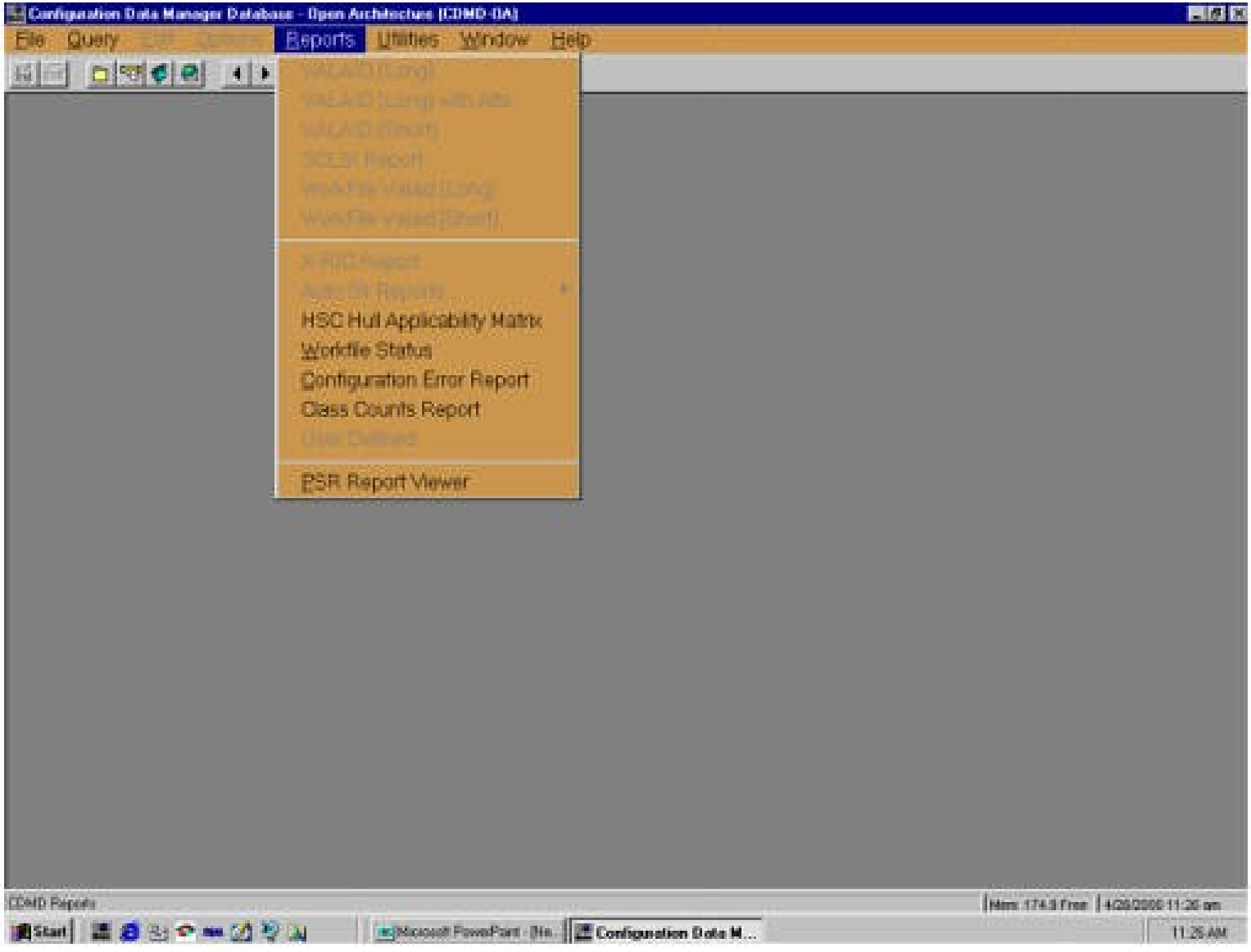
Reference Tables



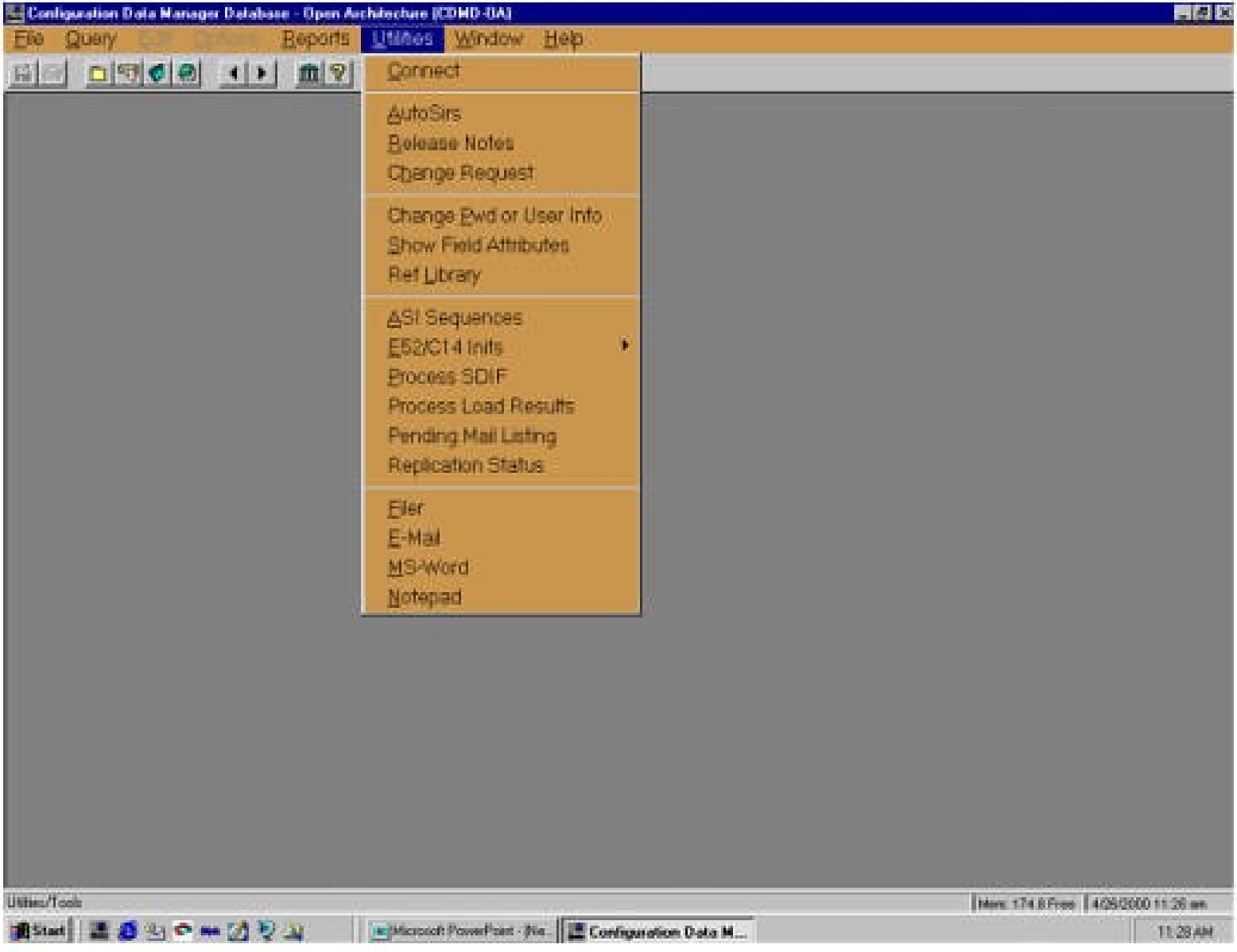
Reference Tables



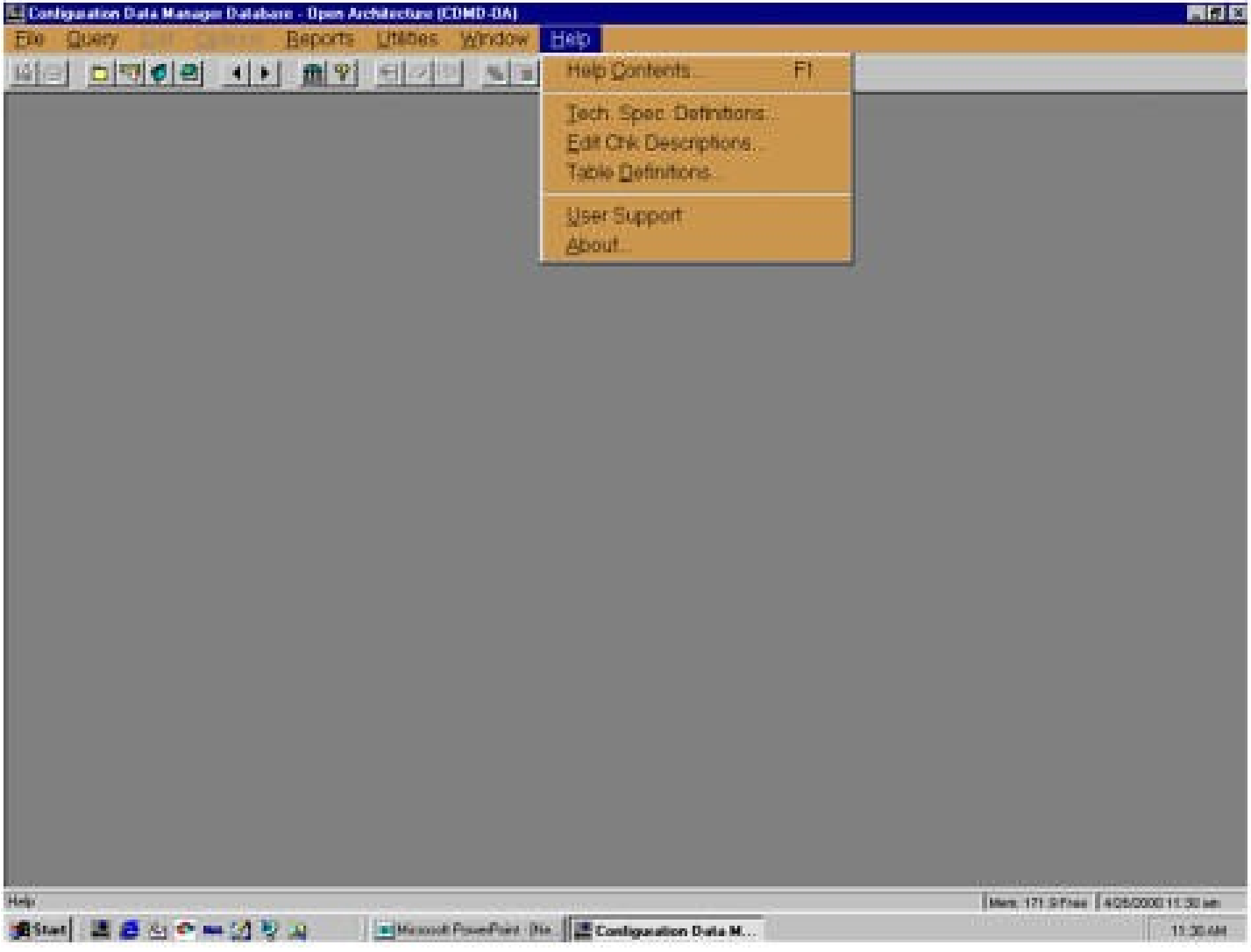
Main Screen


Configuration Data Manager Database - Open Architecture (CDMD-OA)
File
Query
Reports
Utilities
Window
Help
HSC Hull Applicability Matrix
Workflow Status
Configuration Error Report
Class Counts Report
PSR Report Viewer
Start
Configuration Data M...

Main Screen


Configuration Data Manager Database - Open Architecture (CDMD-OA)
File
Query
Reports
Utilities
Window
Help
Connect
AutoSirs
Release Notes
Change Request
Change Pwd or User Info
Show Field Attributes
Ref Library
ASI Sequences
E52/C14 Inits
Process SDIF
Process Load Results
Pending Mail Listing
Replication Status
Eller
E-Mail
MS-Word
Notepad
Utilities/Tools
Start
Microsoft PowerPoint - [Pre...
Configuration Data M...
11:28 AM

Main Screen


Configuration Data Manager Database - Open Architecture (CDMD-OA)
File
Query
Reports
Utilities
Window
Help
Help Contents... F1
Tech. Spec. Definitions...
Edit Chk Descriptions...
Table Definitions...
User Support
About...
Help
Start
Configuration Data M...